Index of Claims

Application/Control No.	Applicant(s)/Patent under Reexamination
10/062,117	OLIVER ET AL.
Examiner	Art Unit

Nga B. Nguyen

Art Unit 3692

1	Rejected
=	Allowed

_	(Through numeral) Cancelled
÷	Restricted

N	Non-Elected
ı	Interference

A	Appeal
0	Objected

Claim								•							_			٠						•						_
1     √     51     101     102     3     102     3     102     3     103     103     103     103     103     103     103     103     103     103     103     104     104     104     104     105     106     106     106     106     106     106     106     107     107     107     107     107     107     107     107     107     107     108     108     108     108     108     108     108     108     109     <	Cla	aim	I			(	Date	e				Cla	aim				C	ate	;				CI	aim				С	ate	_
Section   Sect	Final	Original	11/20/06									Final	Original										Final	Original						
Section   Sect	-	1	1	$\vdash$	$\vdash$	$\vdash$	┢	┢	┢	Н	-		51	Н	$\neg$	$\dashv$	-+	$\dashv$	$\dashv$	$\dashv$	$\dashv$	$\dashv$	-	101			_	7	$\dashv$	_
\$\begin{array}{c c c c c c c c c c c c c c c c c c c			-	$\vdash$	$\vdash$	Т	1		┢	П	7			П		$\dashv$	_	7	$\dashv$	寸	$\dashv$	7					1	$\dashv$	┪	_
A     104       5     √       6     √       7     105       8     √       9     √       10     √       60     107       10     √       60     108       10     √       61     111       11     √       61     111       11     √       63     111       13     √       64     114       15     √       65     115       16     √       16     √       67     115       18     √       68     115       117     67       118     √       69     119       20     70       21     77       22     72       23     73       24     74       25     75       26     76 </td <td></td> <td>3</td> <td></td> <td></td> <td></td> <td>Г</td> <td>Г</td> <td></td> <td></td> <td></td> <td></td> <td></td> <td></td> <td>П</td> <td></td> <td></td> <td>寸</td> <td>コ</td> <td>ヿ</td> <td>ヿ</td> <td>寸</td> <td>┑</td> <td></td> <td></td> <td></td> <td></td> <td>T</td> <td></td> <td>寸</td> <td>_</td>		3				Г	Г							П			寸	コ	ヿ	ヿ	寸	┑					T		寸	_
106		4						Г	<b> </b>	П			54	П				一	T	ヿ		7		104					寸	_
f     8     √     107     108     108     109     108     109     108     109     109     109     109     109     109     110     110     111		5																												
S			<																											
10					L				L	Ш	_			Ш			$\Box$				[_								$\Box$	
10					_	<u> </u>	_	<u> </u>	┖		_			Ш	_		_	_	_	_		4		108			_	_	_	
11						<u>L</u>	_	<u> </u>	┡-	Ш	4	ļ		_	_			_	_	_	_	4					_	_	_	_
12   V	-					⊢	_	<u> </u>	├	$\vdash \vdash$	-			Н		$\dashv$			$\dashv$	$\dashv$	$\dashv$	4	-				_	_	_	_
13	-				_	┝	$\vdash$	-	⊢	$\vdash$				H	$\dashv$	$\dashv$			$\dashv$	-	+	4	_							_
14   √   64   114   115   √   115   √   115   115   116   115   116   117   116   117   118   √   68   67   117   118   119   117   117   118   119   120   1119   120    120   120   120   122   123   124   124   125   126   126   127   127   127   127   127   127   127   127   127   127   127   127   127   127   129   130   130   131   131   131   131   131				<u> </u>	-	├	-	<del> </del>	┼	$\vdash$	-			H	$\dashv$	$\dashv$	-	$\dashv$	$\dashv$	_	+	$\dashv$	-		-	$\vdash \vdash$	-	-	$\dashv$	_
15				$\vdash$	$\vdash$	$\vdash$	$\vdash$	$\vdash$	$\vdash$	⊢⊦	$\dashv$	<u> </u>		╁╾┤	$\vdash$	$\dashv$	$\dashv$			-	$\dashv$	$\dashv$	$\vdash$		$\vdash$	Н	$\dashv$	$\dashv$	$\dashv$	_
16   \( \sqrt{1} \)	$\vdash$			$\vdash$	$\vdash$	┢	$\vdash$	┢	├	$\vdash$	-	-		Н	$\dashv$	-	$\dashv$	ᅱ	$\dashv$	┥	+	$\dashv$	$\vdash$		$\vdash$	$\vdash$	$\dashv$	-	-	-
17				┢	-	╁	-	$\vdash$	┢		$\dashv$	-		Н		$\dashv$	$\dashv$	$\dashv$	$\dashv$	┪	$\dashv$	$\dashv$	$\vdash$		┝	-	$\dashv$	$\dashv$	$\dashv$	_
18 √   68   69   118   119   120     20   70   120   120   120   121   121   121   122   122   123   123   123   123   123   123   124   124   124   124   124   124   125   125   125   126   127   127   128   127   127   128   129   129   130   130   130   131   130   131   131   132   133   133   133   133   133   133   133   133   133   133   133   134   134   135   136   135   136   135   136   135   136   137   138   139   140   140   141   141   142   142   143   144	-			┢	┝	十一	┢	┢	┢	Н	_	-		H		$\dashv$	┪	-	7		-	┪	1		┢		_	$\dashv$	$\dashv$	-
19	$\vdash$			-		╁	-	-	╁	H	$\dashv$					$\dashv$	$\dashv$	$\dashv$	_	$\dashv$	$\dashv$	┥.	<u> </u>		-	Н	$\dashv$	$\dashv$	$\dashv$	_
20   120   120   121   121   121   122   122   122   122   122   123   123   123   123   123   123   123   124   124   124   124   125   125   126   126   127   127   127   127   127   127   127   127   127   128   128   128   128   129   129   129   129   129   130   130   131   131   131   131   131   131   131   131   131   132   133   134   134   134   134   134   135   135   136   137   136   137   136   137   136   137   136   137   138   138   138   138   139   140   141   141   141   141   142   142   142   14	$\vdash$				t	Ħ	1	H	H	$\Box$	┪			H		1	$\dashv$	-	-	ᅥ	$\neg \vdash$	┪				Н	$\dashv$	$\dashv$	$\dashv$	_
21     71     121     122     122     122     122     123     123     123     123     123     124     124     124     124     124     124     124     124     125     125     126     126     127     127     127     127     128     128     128     129     129     129     129     129     129     130     130     130     130     131     131     131     131     131     131     131     132     132     133     133     133     133     133     133     133     133     133     133     133     133     134     134     134     134     134     135     135     135     135     135     136     137     137     137     137     138     138     139     139     139     139     139     140     140     141     141     142     142     143     144     144     144     145     145     145			<u> </u>	$\vdash$	_	$\vdash$				$\Box$	T					$\neg$	$\dashv$	一				-		120	$\vdash$	Н	$\dashv$	_		_
22     72     122     123     123     124     124     124     124     124     124     125     125     125     126     125     126     127     127     127     127     127     127     127     128     128     128     128     129     129     130     130     130     130     130     131     131     131     132     132     132     132     132     133     133     133     133     133     133     133     134     134     134     134     134     134     134     134     135     135     135     135     135     135     136     137     137     137     137     137     138     138     138     139     140     140     141     140     141     142     142     142     143     144     144     144     144     144     144     144     144     145     146     146     146     146     146				<u> </u>	Г			T	T		_			П	П	$\dashv$	一	$\neg$	$\neg$			٦.			Т	Н		$\neg$	$\neg$	-
23   73   123   124     25   75   125   125     26   76   126   127     27   77   127   128     29   79   129   129     30   80   130   131     31   81   131   132     33   82   132   132     33   83   133   133     34   84   134   134     35   85   135   135     36   86   136   137     38   88   138   138     39   89   139   140     41   91   140   141     42   92   142   142     43   94   144   144     45   95   145   146								İ								ヿ	ヿ	ヿ	T		_	7					T	寸	寸	_
25     125       26     126       27     126       77     128       29     79       30     80       31     81       32     82       33     131       82     132       33     133       34     84       35     85       36     86       37     87       38     88       39     89       40     90       41     91       42     92       43     94       44     94       44     94       44     94       45     96		23								П			73			$\neg$	$\neg$					1		123			$\neg$	一	T	_
26   76   126     27   127   127     28   78   128     29   129   129     30   80   130     31   81   131     32   82   132     83   133     34   84   134     35   85   135     36   86   136     37   87   137     38   88   138     39   90   140     41   91   141     42   92   142     43   93   143     44   94   144     45   96   146								·																						
27 77   28 78   29 128   30 80   31 81   32 82   33 83   34 84   35 85   36 86   37 87   38 88   39 89   40 91   41 91   42 92   43 93   44 94   45 96																								125						Ξ
28   78   128     29   79   129     30   80   130     31   81   131     32   82   132     33   83   133     34   84   134     35   85   135     36   86   136     37   88   136     39   88   138     40   90   140     41   91   141     42   92   142     43   94   144     44   94   144     45   96   146																$\Box$														
29   79   129     30   80   130     31   81   131     32   82   132     33   83   133     34   84   134     35   85   135     36   86   136     37   87   137     38   88   138     39   89   139     40   90   140     41   91   141     42   92   142     43   93   143     44   94   144     45   95   145     46   96   146						L.				Ш																				
30   80   130     31   81   131     32   82   132     33   83   133     34   84   134     35   85   135     36   86   136     37   87   137     38   88   138     39   89   139     40   90   140     41   91   141     42   92   142     43   93   143     44   94   144     45   95   145     46   96   146	L		$oxed{oxed}$	_	L	<u>L.</u>			L	Ш	_									_]		_								
31   81   131   132   132   133   133   133   133   133   134   134   134   134   134   134   134   135   135   135   136   136   137   137   137   137   138   138   138   138   138   138   139   140   140   141   141   141   141   141   142   142   143   143   144   144   144   145   145   146	<u> </u>			<u> </u>	L.	<u> </u>	_	<u> </u>	┖	Ш	_							_				_						$\Box$	_	
32   82   132   133     33   84   134   134   134     35   85   135   135   136   136   136   137   137   137   137   137   138   138   138   138   138   139   140   140   140   141   141   141   141   141   141   142   142   143   143   143   144   144   144   145   145   146 <td></td> <td></td> <td><u> </u></td> <td>_</td> <td>ļ</td> <td>_</td> <td>_</td> <td><u> </u></td> <td><math>oxed{oxed}</math></td> <td>Ц</td> <td>_</td> <td></td> <td></td> <td>Ш</td> <td></td> <td>_ </td> <td></td> <td>_</td> <td>_</td> <td></td> <td></td> <td>_</td> <td></td> <td></td> <td></td> <td></td> <td></td> <td></td> <td></td> <td></td>			<u> </u>	_	ļ	_	_	<u> </u>	$oxed{oxed}$	Ц	_			Ш		_		_	_			_								
33   34   35   36   35   36   37   36   37   38   39 <td< td=""><td></td><td></td><td></td><td></td><td></td><td><u> </u></td><td>_</td><td>_</td><td><b> </b>_</td><td>Ц</td><td>_</td><td></td><td></td><td></td><td></td><td>_</td><td></td><td>_</td><td>_</td><td>_</td><td></td><td>4</td><td></td><td></td><td><u> </u></td><td>Ш</td><td>_</td><td>_</td><td><math>\dashv</math></td><td></td></td<>						<u> </u>	_	_	<b> </b> _	Ц	_					_		_	_	_		4			<u> </u>	Ш	_	_	$\dashv$	
34   35   84   134   135     36   86   136   136   137     37   87   137   137   138   138     39   88   138   139   139   139   140   140   140   141   141   141   141   141   141   142   142   143   143   143   144   144   144   145   145   146	<u> </u>			<u> </u>	<u> </u>	ļ_	<u> </u>		<u> </u>	Щ	4					_	_	_	_	_		4			<u> </u>	Ш	_	_	_	_
35   85     36   86     37   87     38   88     39   88     40   90     41   91     42   92     43   93     44   94     45   95     46   96	<u> </u>		$\vdash$	$\vdash$	<u> </u>	<del> </del>	├—	├	-	$\vdash$	$\dashv$				$\sqcup$		$\dashv$		_		$\dashv$	4	-		<del> </del>	Н	$\dashv$	_		_
36   86   136     37   87   137     38   88   138     39   90   140     41   91   141     42   92   142     43   93   143     44   94   144     45   95   145     46   96   146	-		$\vdash$	$\vdash$	$\vdash$	├-	$\vdash$	<u> </u>	⊢	$\left  - \right $		<u> </u>			$\vdash \vdash$	$\dashv$	-		-	-	-	4	-		<del> </del>	$\vdash$	$\dashv$	-	$\dashv$	_
37 87   38 88   39 89   40 90   41 91   42 92   43 93   44 94   45 95   46 96	<del></del>		$\vdash$	$\vdash$	-	⊢−	$\vdash$	-	╁	$\vdash$	$\dashv$			$\vdash\vdash$	$\vdash \vdash$		$\dashv$		$\dashv$	-	$\dashv$	4			├	$\vdash \vdash$	$\dashv$	-		_
38 88   39 90   40 91   41 92   43 93   44 94   45 95   46 96	<del></del>		$\vdash$	Ь	$\vdash$	$\vdash$	$\vdash$	$\vdash$	┼-	$\vdash \vdash$	$\dashv$	$\vdash$		Н	$\vdash$	$\dashv$			$\dashv$		+	$\dashv$	<b>-</b>		$\vdash$	Н	$\vdash$	-	$\dashv$	_
39 89   40 90   41 91   42 92   43 93   44 94   45 95   46 96			$\vdash$	$\vdash$	-	$\vdash$	$\vdash$	$\vdash$		$\vdash$	$\dashv$	-		Н	$\vdash$	$\dashv$		$\dashv$	$\dashv$	$\dashv$	$\dashv$	$\dashv$	-		├-	Н	$\dashv$		$\dashv$	_
40 90   41 91   42 92   43 93   44 94   45 95   46 96	<b>—</b>		$\vdash$	$\vdash$	$\vdash$	$\vdash$	$\vdash$	$\vdash$	<del>                                     </del>	$\vdash \vdash$	$\dashv$	<b>—</b>		$\vdash$	$\vdash \dashv$	$\dashv$	$\dashv$	$\dashv$	-		+	$\dashv$			$\vdash$	$\vdash$	$\vdash$	$\dashv$	$\dashv$	_
41 91   42 92   43 93   44 94   45 95   46 96					$\vdash$	<del> </del>	$\vdash$		1	$\vdash$	$\dashv$	<u> </u>	_	$\vdash$	$\vdash$	$\dashv$	$\dashv$	$\dashv$		$\dashv$	+	-	-		-	$\vdash$	$\vdash$	$\dashv$	$\dashv$	_
42 92   43 93   44 94   45 95   46 96		41	T		$\vdash$	<del>                                     </del>	$\vdash$	<del>                                     </del>	T	$\vdash$	$\dashv$	-		H	$\vdash$	-	$\dashv$	$\dashv$		ᅥ	+	$\dashv$	$\vdash$		$\vdash$	H	$\dashv$	$\dashv$	-1	_
43 93   44 94   45 95   46 96		42	m	<u> </u>	Т	Т	1	Г	Т	$\sqcap$	$\dashv$			$\Box$	$\vdash \vdash$	1	┪		_	٦	$\dashv$	1				Н		$\dashv$	7	-
44 94 144   45 95 145   46 96 146		43				Π		<u> </u>		П	$\neg$		93	П	$\Box$	$\neg$	寸			T	$\top$	╗		143		М		┪	$\neg$	_
45 95 145 146 146 146 146 146 146 146 146 146 146		44											94	П						٦	_	7		144		П			1	_
46 96 146		45											95											145						_
		46							$\Box$				96						┚					146						
		47				匚							97											147						_
48 98 148			Ļ		Ĺ	$\Box$	$\Box$	$\Box$	匚	$\Box$	_]		98				$\Box$	$\Box$	$\Box$		$\Box$									
49 99 149	<u> </u>	49	Ш	<u> </u>	<u> </u>	_	<u> </u>		┕	Ш	_				Ш	_					$\Box$	1		149	匚					
50 100 150		50		<u> </u>	L_	<u>L</u>	L	<u>L</u>	L				100	$oxed{oxed}$	Ш	$\perp$	$\perp$	1				┙	L	150	L	L.J				

Claim						Date	•			
Final	Original									
	101						_	-		$\dashv$
	102		_							$\dashv$
	103									
	104									
	105									
	106									
	107		<u> </u>	_						
	108 109			_	<u> </u>					
	110	_	<u> </u>		_					$\Box$
	111									
	112	-	$\vdash$		-	<del> </del>			$\vdash$	$\vdash \vdash$
	113	-	$\vdash$	$\vdash$	├-	<del></del>	-	-	-	$\vdash \vdash$
	114	Н	-	$\vdash$	$\vdash$		H	H	$\vdash$	$\vdash$
	115	$\vdash$	$\vdash$	$I^-$	<del>                                     </del>	-		Н		$\vdash$
	116	$\vdash$		一	$\vdash$					
	117									
	118			Г	Г			$\vdash$		
	119 120 121				Г		Г			
	120									
	121									
	122				$ldsymbol{ld}}}}}}$					
	123	ļ	<u> </u>	_	_	_		_	Щ	Ш
	122 123 124 125		L	_	_	<u> </u>	_	<u> </u>		
	125	<u> </u>	_	<u> </u>	<u> </u>	<u> </u>	_	_		
	126	┡	⊢	-	<u> </u>	<u> </u>	<u> </u>	<u> </u>	<u> </u>	Н
	127 128	H	⊢	⊢	-	├	<u> </u>	┝		$\dashv$
ļ.—	129	-	-	-	┡	┝	-	<u> </u>	H	$\vdash\vdash$
	130	$\vdash$		-	├─	⊢	⊢		-	Н
	131	-	┢	-			├─	-		H
	132	├	-	-	$\vdash$	├─	┝	┢	$\vdash$	Н
	133	┢	┢─	-	$\vdash$	-	$\vdash$	<del> </del>	-	Н
<b> </b>	134	$\vdash$	$\vdash$	$\vdash$	$\vdash$	$\vdash$	┢	<del>                                     </del>	$\vdash$	Н
	135	1			$\vdash$	Г			i –	М
	136						Г			П
	137						L			
	138									
L	139	ļ					匚			
	140	<u> </u>	<u> </u>	<u> </u>	<u> </u>	_	L_	<u> </u>	<u> </u>	LЦ
<u> </u>	141	<u> </u>	<u> </u>	<u> </u>	<u> </u>	L	<u> </u>	<u> </u>	<u> </u>	Щ
<u> </u>	142	<u> </u>	<u> </u>	<u> </u>	$\vdash$	⊢-	<u> </u>	<u> </u>	_	$\vdash \dashv$
<u> </u>	143 144	$\vdash$	<del> </del>	├—	-	$\vdash$	<del> </del>	$\vdash$	<u> </u>	$\vdash \vdash$
	144	<del> </del>		<del> </del> −	-	-	$\vdash$	$\vdash$	$\vdash$	Н
├	146	$\vdash$	-	$\vdash$	$\vdash$	├	$\vdash$	$\vdash$	-	Н
	147	-	-	⊢	$\vdash$	⊢	$\vdash$	$\vdash$		$\vdash \vdash$
	148	$\vdash$	-	┢	$\vdash$	$\vdash$	-	-	├-	Н
<b></b>	149	$\vdash$	<del>                                     </del>	Н	$\vdash$	H	-	H	$\vdash$	H
	150	一	<u> </u>		一	Г	┢	$\vdash$	<del>                                     </del>	$\vdash$
							_	_		